

**Practitioner's Docket No. 051058-034000 (formerly NUCL 006/01-US) PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: PACHUK et al. Confirmation No.: 3823  
Application No.: 10/560,377 Group No.: 1648  
Filed: 06/19/2006 Examiner: PENG, Bo  
For: CONSERVED HBV AND HCV SEQUENCES USEFUL FOR GENE  
SILENCING

MAIL STOP PETITION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**PETITION UNDER 37 CFR §1.182 AND REQUEST TO CORRECT PRIORITY UNDER  
37 CFR §1.78**

A petition under 37 CFR §1.182 is submitted herewith to correct an inadvertent error on the part of the Applicant at the time of National Stage Entry (June 19, 2006) for the above-noted U.S. patent application. The petition seeks to establish a separate "bypass" Continuation-In-Part application of the original PCT (PCT/US2004/019229), claiming the benefit of priority of U.S. Provisional Application No. 60/638,294 filed December 22, 2004 in addition to U.S. Provisional Application No. 60/478,076, filed June 12, 2003. The petition includes a request under 37 CFR §1.78 to correct the priority claim for the Continuation-In-Part application.

**A Statement of Facts begins on page 2.**

**The Request begins on page 4.**

**Remarks begin on page 5.**

**Statement of Facts**

1. On June 10, 2004 International Application PCT/US2004/019229 (also referred to herein as the "PCT application") was filed, claiming the benefit of priority from U.S. Provisional Application No. 60/478,076, filed June 12, 2003.
2. On December 22, 2004, US Provisional Application No. 60/638,294 (the '294 provisional) was filed, during the pendency of the PCT application and naming at least one inventor in common with the PCT application.
3. On December 12, 2005, a National Stage application was filed under 35 USC §371, which claimed priority to International Application PCT/US2004/019229, provisional 60/478,076 and the '294 provisional. This was prior to the expiry of the '294 provisional application. The contents of each of the PCT/US2004/019229, provisional 60/478,076 and the '294 provisional were incorporated by reference, as recited in the Application Data Sheet that accompanied the filing. A copy of the filing papers is annexed hereto for convenient reference (**Exhibit A**).
4. The §371 National Stage entry filing of December 12, 2005 (now USSN 10/560,377) included a complete copy of the specification, figures, claims, an application data sheet and a computer-readable sequence listing. The specification and figures filed with the National Stage entry filing of December 12, 2005 included additional nucleic acid sequences, a new Figure 15 and a new Sequence Listing.
5. On June 14, 2006, a Preliminary Amendment was filed, a copy of which is annexed hereto for convenient reference (**Exhibit B**). The Preliminary Amendment sought to amend the specification, claims and drawings to incorporate disclosure found throughout the '294 provisional priority document. An amended Sequence Listing in paper and computer-readable forms was also included with the Preliminary Amendment.
6. On July 1, 2009, a Non-Final Office Action was mailed from the USPTO to the Attorney of Record (the Office Action was re-mailed by the USPTO on September 9, 2009 after Applicants' representative informed the Examiner that PAIR listed the Office Action as

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having been returned to the USPTO by the Postal Service). The Office Action rejected the material from the '294 priority application introduced to the specification by means of the June 14, 2006 preliminary amendment as being "new matter."

**Request**

Based on the facts as stated above, Applicants respectfully request that a separate U.S. Utility application be established under 35 U.S.C. §120 as a Continuation-In-Part of PCT/US2004/019229, with priority to U.S. provisional application 60/478,076, and to U.S. provisional application 60/638,294. The Commissioner is authorized to charge any and all fees necessary for establishing such application to Deposit Account 50-0850, referencing matter No. 051058-034000. This includes filing fees required for the newly generated application established under §120, and the fee under 37 C.F.R. §1.17(f) required for this petition under 37 C.F.R. §1.182.

Applicants submit that the claim for priority to the '294 provisional application was made in a timely manner with the December 12, 2005 National Stage filing, but acknowledge that the claim was improper in the context of the §371 filing. Thus, to the extent that it is necessary to achieve the purpose of generating a Continuation-In-Part application properly claiming the priority of the PCT, the 60/478,076 provisional application *and* the '294 provisional application, applicants hereby request the correction of the priority claim under 37 C.F.R. §1.78 for the resulting Continuation-In-Part application to reflect priority from PCT/US2004/019229, filed June 10, 2004, U.S. provisional 60/478,076 filed June 12, 2003, and U.S. provisional 60/638,294 filed December 22, 2004. To the extent necessary, Applicants authorize the Commissioner to charge the fee specified under 37 C.F.R. §1.78(t) for the correction of the priority claim under 37 C.F.R. §1.78.

Marked-up and clean copies of the Continuation-In-Part specification including the disclosure from the '294 application are included herewith, as is an Application Data Sheet showing the application as a Continuation-In-Part of the parent PCT.

## **REMARKS**

The currently pending application, Serial No. 10/560,377, is being amended with the response to the outstanding Office Action to cancel the material added by preliminary amendments made both at the time of filing and on June 14, 2006. Applicants intend for that application to remain pending minus the material designated as new matter in the Office Action issued September 4, 2009.

It is understood that in order to properly claim the benefit of the '294 provisional application or to incorporate material in that application in the National Stage application, the National Stage entry should have been made under §120, rather than §371, which does not permit priority claims or disclosure beyond that which is established in the international application. For entry under §371, a copy of the specification, claims and drawings is not required. However, the National Stage filing *included* a complete copy of the specification, claims, and drawings and therefore contained all of the elements necessary for entry under 35 USC §120 as a Continuation or Continuation-In-Part application as of the December 12, 2005 date of filing. The Application Data Sheet submitted concurrently with the National Stage application incorporated the contents of each of the PCT application, U.S. provisional application 60/478,076 and the '294 provisional application in their entireties.

Applicants' representatives Mark FitzGerald and David Crosby have been in telephone contact with Debra Brittingham in the Office of PCT Legal Administration. Ms. Brittingham indicated that given the circumstances, and under Patent Office policy, Applicants should be entitled to spin out a separate Continuation-In-Part application that permits the incorporation of the material in the '294 provisional application at least as of the December 12, 2005 National Stage entry date, without loss or surrender of rights. Where the filing timely satisfied the requirements for entry under §120 but counsel erroneously recited entry under §371, it is a matter of fairness to the Applicant that they be given the opportunity to correct the designation of the application to prevent the loss of rights. Ms. Brittingham indicated that the present petition under 37 C.F.R. §1.182 and necessary fee under 37 C.F.R. §1.17(f), plus filing fees for the new application and a request under 37 C.F.R. §1.78 to correct the priority claim would be necessary to establish the separate Continuation-In-Part application.

The following fees are authorized to be charged to Deposit Account 50-0850, referencing 051058-034000: (i) fee for petition under §1.182, (ii) fee for correction of priority under 37 CFR §1.78, and (iii) fees for a new US Utility application. Should any other fees be associated with this

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Petition submitted December 4, 2009

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submission, the Applicant hereby authorizes the Commissioner to charge them to said Deposit Account. Any overpayments should also be credited to said Deposit Account.

Applicants respectfully request that if this petition is deficient in any way that the undersigned be contacted at the number below to expedite resolution of the defect(s).

Respectfully submitted,

Date: December 4, 2009

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